Donaldson medical vents are made with our proprietary Tetratex® expanded PTFE membranes for a wide variety of applications in the healthcare industry. Donaldson offers its design and filtration material expertise to provide customers with the most effective venting solution for your needs.

**TYPICAL APPLICATIONS**
- Acoustic vents for microphones or speakers
- Medical device venting
- Drainage bags
- IV administration sets
- Ostomy bags
- Urine bags
- Packaging vents
- Spike vents

**FEATURES & BENEFITS**
- Hydrophobic - gas permeable water barrier with IP ratings of IP44 to IP67/IP68
- Oleophobic option - provides oil repellency rating up to 8 while allowing air flow
- High particulate removal rate - up to 99.999% efficiency
- High bacterial removal rate - up to 99.999% efficiency on 0.1 micron particles
- High air flow rates - to ensure adequate venting and pressure equalization
- Acoustically transparent material available - allows excellent sound transmission while protecting microphones and speakers
- Toxicity tested to USP 23, Class VI - to ensure biocompatibility
- Clean, non-shedding, minimal extractables - to maintain a clean environment
- Chemically inert - to ensure vent reliability
- Thermally stable - to accommodate a wide variety of environments
- Tetratex® - White or black ePTFE membrane vents available
PRODUCT DESIGN OPTIONS

Donaldson’s technical experts can custom-design a vent that results in the most effective venting solution for your needs, utilizing:

- Material options including:
  - Donaldson’s Tetratex® ePTFE membrane in a wide range of pore sizes, air flows, water and oil repellency, and particulate removal efficiencies, in white or black
  - Acoustic materials
  - Polypropylene
  - Polyethylene
  - Polyester
  - Nylon
  - Others as requested

- Ultra-Web® O.C. (odor control) adsorbents for removing:
  - Odors
  - Water vapor
  - Volatile organics
  - Acid gases
  - Base gases

- Integration options including:
  - Pressure-sensitive adhesive
  - Injection over-molding
  - Heat welding
  - Sonic welding

We are ISO 9001 certified and our focus is on high quality manufacturing, responsive customer service, and tailored solutions that can be easily integrated into our customer’s device or application. Our unique, proprietary filtration and adsorbent materials and oleophobic treatment processes allow us to select the best types of materials to meet your application requirements.

Donaldson Company is a leading worldwide provider of filtration products, with sales and manufacturing of medical venting products in the U.S., Europe and Asia. Let Donaldson be your partners in problem-solving.